

Table 48 (page 1 of 3). Death rates for firearm-related injuries, according to sex, detailed race, Hispanic origin, and age: United States, selected years 1970–98

[Data are based on the National Vital Statistics System]

Sex, race, Hispanic origin, and age	1970	1980	1985	1990	1994	1995	1996	1997	1998	1996–98 ¹
All persons										
All ages, age adjusted	14.0	14.8	12.8	14.6	15.1	13.9	12.9	12.2	11.3	12.1
All ages, crude	13.0	14.9	13.3	14.9	14.8	13.7	12.8	12.1	11.4	12.1
Under 1 year	*	*	*	*	*	*	*	*	*	0.2
1–14 years	1.6	1.4	1.4	1.5	1.6	1.6	1.3	1.1	1.1	1.2
1–4 years	1.0	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.5
5–14 years	1.7	1.6	1.8	1.9	2.0	2.0	1.6	1.4	1.4	1.4
15–24 years	15.5	20.6	17.2	25.8	30.8	27.2	24.2	22.3	19.9	22.1
25–44 years	20.9	22.5	17.9	19.3	18.8	17.2	16.1	15.4	14.4	15.3
25–34 years	22.2	24.3	19.3	21.8	21.9	20.1	18.3	17.8	16.3	17.5
35–44 years	19.6	20.0	16.0	16.3	15.6	14.4	14.0	13.2	12.8	13.3
45–64 years	17.6	15.2	14.3	13.6	12.2	11.8	11.9	11.3	10.7	11.3
45–54 years	18.1	16.4	14.7	13.9	12.8	12.1	12.3	11.5	10.9	11.6
55–64 years	17.0	13.9	13.9	13.3	11.4	11.4	11.2	11.0	10.4	10.8
65 years and over	13.8	13.5	15.6	16.0	14.3	14.2	13.9	13.2	13.1	13.4
65–74 years	14.5	13.8	15.1	14.4	12.6	12.9	12.6	11.9	11.3	11.9
75–84 years	13.4	13.4	17.7	19.4	16.9	16.4	15.9	14.9	15.5	15.4
85 years and over	10.2	11.6	12.2	14.7	15.1	14.6	14.5	14.3	14.3	14.4
Male										
All ages, age adjusted	23.8	25.3	21.9	25.4	26.2	24.1	22.4	21.1	19.6	21.0
All ages, crude	22.2	25.7	22.8	26.2	26.0	23.9	22.5	21.2	19.8	21.2
Under 1 year	*	*	*	*	*	*	*	*	*	*
1–14 years	2.3	2.0	2.1	2.2	2.3	2.3	1.8	1.7	1.5	1.7
1–4 years	1.2	0.9	0.8	0.7	0.7	0.8	0.5	0.5	0.6	0.6
5–14 years	2.7	2.5	2.7	2.9	3.0	2.9	2.4	2.1	1.9	2.1
15–24 years	26.4	34.8	29.1	44.7	54.0	47.6	42.2	38.9	34.7	38.6
25–44 years	34.1	38.1	29.7	32.6	31.7	28.9	27.0	25.8	24.2	25.7
25–34 years	36.5	41.4	32.1	37.0	37.4	34.3	31.4	30.5	28.0	30.0
35–44 years	31.6	33.2	26.6	27.4	26.0	23.7	22.9	21.5	20.9	21.8
45–64 years	31.0	25.9	24.5	23.4	21.0	20.2	20.4	19.4	18.4	19.4
45–54 years	30.7	27.3	24.4	23.2	21.3	20.4	20.5	19.3	18.3	19.4
55–64 years	31.3	24.5	24.6	23.7	20.5	20.0	20.2	19.7	18.4	19.4
65 years and over	29.7	29.7	34.2	35.3	31.2	30.9	30.2	28.5	28.5	29.1
65–74 years	29.5	27.8	30.0	28.2	24.6	25.3	24.8	23.1	22.2	23.4
75–84 years	31.0	33.0	42.7	46.9	39.9	37.7	36.4	34.1	35.1	35.2
85 years and over	26.2	34.9	38.2	49.3	49.7	47.4	46.7	45.8	44.9	45.8
Female										
All ages, age adjusted	4.8	4.8	4.2	4.3	4.2	4.0	3.6	3.4	3.3	3.4
All ages, crude	4.4	4.7	4.2	4.3	4.1	3.9	3.6	3.4	3.3	3.4
Under 1 year	*	*	*	*	*	*	*	*	*	*
1–14 years	0.8	0.7	0.7	0.8	0.9	0.8	0.7	0.6	0.7	0.7
1–4 years	0.9	0.5	0.5	0.5	0.5	0.5	0.4	0.5	0.4	0.4
5–14 years	0.8	0.7	0.8	1.0	1.0	0.9	0.8	0.7	0.8	0.8
15–24 years	4.8	6.1	5.0	6.0	6.5	6.0	5.1	4.8	4.5	4.8
25–44 years	8.3	7.4	6.2	6.1	6.0	5.6	5.2	5.0	4.7	5.0
25–34 years	8.4	7.5	6.6	6.7	6.5	5.9	5.2	5.1	4.7	5.0
35–44 years	8.2	7.2	5.8	5.4	5.5	5.3	5.1	4.9	4.7	4.9
45–64 years	5.4	5.4	5.0	4.5	4.1	4.0	3.9	3.7	3.6	3.7
45–54 years	6.4	6.2	5.6	4.9	4.6	4.3	4.4	4.1	3.9	4.1
55–64 years	4.2	4.6	4.5	4.0	3.3	3.5	3.1	3.0	3.1	3.1
65 years and over	2.4	2.5	3.2	3.1	2.7	2.8	2.6	2.5	2.3	2.5
65–74 years	2.8	3.1	3.6	3.6	3.0	3.0	2.8	2.9	2.4	2.7
75–84 years	1.7	1.7	3.0	2.9	2.5	2.8	2.6	2.3	2.5	2.5
85 years and over	*	1.3	1.8	1.3	1.8	1.8	1.7	1.7	1.6	1.6
White male										
All ages, age adjusted	18.2	21.1	19.4	20.5	20.4	19.3	18.0	17.1	16.2	17.1
All ages, crude	17.6	21.8	20.7	21.8	21.1	20.1	19.0	18.1	17.4	18.1
1–14 years	1.8	1.9	2.1	1.9	1.8	1.9	1.5	1.4	1.3	1.4
15–24 years	16.9	28.4	24.1	29.5	34.2	31.4	26.9	24.8	23.1	24.9
25–44 years	24.2	29.5	25.0	25.7	24.9	23.6	22.0	21.2	20.3	21.2
25–34 years	24.3	31.1	26.3	27.8	27.6	26.1	23.6	23.1	21.2	22.7
35–44 years	24.1	27.1	23.3	23.3	22.3	21.2	20.6	19.5	19.5	19.9
45–64 years	27.4	23.3	23.6	22.8	20.6	19.7	20.2	19.4	18.5	19.3
65 years and over	29.9	30.1	35.4	36.8	32.5	32.3	31.8	30.0	30.3	30.7

See footnotes at end of table.

Table 48 (page 2 of 3). Death rates for firearm-related injuries, according to sex, detailed race, Hispanic origin, and age: United States, selected years 1970–98

[Data are based on the National Vital Statistics System]

Sex, race, Hispanic origin, and age	1970	1980	1985	1990	1994	1995	1996	1997	1998	1996–98 ¹
Black male										
All ages, age adjusted	73.4	61.8	42.2	61.5	65.1	55.6	52.0	47.4	41.6	47.0
All ages, crude	60.6	57.7	41.3	61.9	63.8	54.0	50.6	46.1	40.3	45.6
1–14 years	5.3	3.0	2.7	4.4	5.2	4.6	3.6	3.1	2.4	3.0
15–24 years	97.3	77.9	61.3	138.0	169.6	140.2	131.6	119.9	101.8	117.6
25–44 years	126.2	114.1	71.8	90.3	84.5	71.2	67.0	61.8	55.3	61.3
25–34 years	145.6	128.4	79.8	108.6	109.0	94.4	88.6	84.0	75.3	82.7
35–44 years	104.2	92.3	59.2	66.1	57.7	46.6	44.7	39.5	35.9	40.0
45–64 years	71.1	55.6	36.9	34.5	29.1	29.1	27.0	23.3	22.1	24.1
65 years and over	30.6	29.7	26.3	23.9	23.2	21.4	19.1	17.8	14.2	17.0
American Indian or Alaska Native male ²										
All ages, age adjusted	---	26.5	24.9	20.8	24.6	23.4	19.4	20.7	19.7	19.9
All ages, crude	---	27.5	24.4	20.5	24.1	22.9	19.1	20.1	19.3	19.5
15–24 years	---	55.3	39.8	49.1	54.6	45.5	40.0	39.4	43.3	40.9
25–44 years	---	43.9	40.3	25.4	33.8	34.1	26.7	29.3	25.6	27.2
45–64 years	---	*	21.2	*	13.6	15.6	13.8	13.9	13.4	13.7
65 years and over	---	*	*	*	*	*	*	*	*	13.5
Asian or Pacific Islander male ³										
All ages, age adjusted	---	8.1	7.1	9.2	10.9	10.8	8.7	9.0	7.2	8.3
All ages, crude	---	8.2	7.3	9.4	10.8	10.4	8.6	8.7	7.0	8.1
15–24 years	---	10.8	12.6	21.0	26.9	27.1	19.6	19.7	13.9	17.7
25–44 years	---	12.8	9.8	10.9	13.0	11.3	10.0	9.6	8.7	9.4
45–64 years	---	10.4	6.7	8.1	7.4	8.6	7.7	8.7	6.1	7.5
65 years and over	---	*	*	*	*	*	*	*	7.7	8.0
Hispanic male ⁴										
All ages, age adjusted	---	---	25.3	28.9	29.9	28.0	22.5	19.9	18.3	20.2
All ages, crude	---	---	26.0	29.9	30.0	27.6	22.6	19.9	18.1	20.2
1–14 years	---	---	1.4	2.6	2.3	2.9	1.9	1.4	1.3	1.5
15–24 years	---	---	42.0	55.5	72.0	70.7	54.4	47.9	44.9	49.0
25–44 years	---	---	43.2	42.7	38.8	33.5	27.5	24.5	22.6	24.9
25–34 years	---	---	47.3	47.3	45.5	39.9	32.8	29.3	28.6	30.2
35–44 years	---	---	35.9	35.4	29.5	24.9	20.8	18.7	15.6	18.3
45–64 years	---	---	19.2	21.4	19.2	17.2	16.2	13.7	10.7	13.4
65 years and over	---	---	12.4	19.1	14.7	15.6	11.7	12.3	14.2	12.8
White, non-Hispanic male ⁴										
All ages, age adjusted	---	---	18.4	18.7	18.1	17.2	16.4	15.9	15.2	15.8
All ages, crude	---	---	19.9	20.4	19.5	18.6	18.0	17.5	17.0	17.5
1–14 years	---	---	2.0	1.6	1.6	1.6	1.4	1.4	1.3	1.4
15–24 years	---	---	22.0	24.1	26.3	23.3	20.4	19.4	18.1	19.3
25–44 years	---	---	23.0	23.3	22.4	21.6	20.6	20.3	19.6	20.2
25–34 years	---	---	23.7	24.7	23.9	22.9	21.2	21.4	19.3	20.7
35–44 years	---	---	22.0	21.6	20.9	20.4	20.1	19.4	19.8	19.7
45–64 years	---	---	23.0	22.7	20.5	19.7	20.2	19.8	19.0	19.6
65 years and over	---	---	37.3	37.4	33.2	32.7	32.6	30.8	31.1	31.5
White female										
All ages, age adjusted	4.0	4.2	3.9	3.7	3.6	3.5	3.1	3.1	3.0	3.1
All ages, crude	3.7	4.1	4.0	3.8	3.6	3.5	3.2	3.2	3.0	3.2
15–24 years	3.4	5.1	4.4	4.8	4.9	4.6	3.8	3.8	3.4	3.7
25–44 years	6.9	6.2	5.6	5.3	5.2	5.0	4.6	4.7	4.4	4.5
45–64 years	5.0	5.1	5.0	4.5	4.1	4.0	3.9	3.8	3.7	3.8
65 years and over	2.2	2.5	3.2	3.1	2.7	2.9	2.6	2.6	2.4	2.5

See footnotes at end of table.

Table 48 (page 3 of 3). Death rates for firearm-related injuries, according to sex, detailed race, Hispanic origin, and age: United States, selected years 1970–98

[Data are based on the National Vital Statistics System]

Sex, race, Hispanic origin, and age	1970	1980	1985	1990	1994	1995	1996	1997	1998	1996–98 ¹
Deaths per 100,000 resident population										
Black female										
All ages, age adjusted	11.4	9.1	6.6	7.8	8.0	6.8	6.5	5.6	5.2	5.7
All ages, crude	10.0	8.8	6.5	7.8	7.8	6.6	6.4	5.4	5.0	5.6
15–24 years	15.2	12.3	8.3	13.3	15.5	13.5	12.0	10.6	10.2	10.9
25–44 years	19.4	16.1	11.4	12.4	11.9	10.0	9.8	8.0	7.5	8.4
45–64 years	10.2	8.2	5.8	4.8	4.6	4.1	4.1	3.4	3.2	3.5
65 years and over	4.3	3.1	3.7	3.1	2.9	2.6	3.0	2.2	1.8	2.3
American Indian or Alaska Native female ²										
All ages, age adjusted	---	6.1	4.3	3.6	4.5	4.5	3.8	3.2	4.3	3.8
All ages, crude	---	5.8	4.1	3.4	4.4	4.4	3.7	3.0	4.2	3.6
15–24 years	---	*	*	*	*	*	*	*	*	5.3
25–44 years	---	10.2	*	*	7.5	7.7	5.9	*	6.9	5.4
45–64 years	---	*	*	*	*	*	*	*	*	4.4
65 years and over	---	*	*	*	*	*	*	*	*	*
Asian or Pacific Islander female ³										
All ages, age adjusted	---	2.0	1.7	2.0	2.1	2.2	1.7	1.8	1.8	1.8
All ages, crude	---	2.1	1.7	2.1	2.1	2.2	1.7	1.7	1.8	1.7
15–24 years	---	*	*	*	4.0	4.2	3.7	3.2	*	3.1
25–44 years	---	3.2	2.2	2.7	2.6	2.9	2.1	1.9	2.2	2.1
45–64 years	---	*	*	*	*	*	*	*	2.1	1.9
65 years and over	---	*	*	*	*	*	*	*	*	*
Hispanic female ⁴										
All ages, age adjusted	---	---	3.2	3.6	3.5	3.5	2.8	2.4	2.3	2.5
All ages, crude	---	---	3.2	3.6	3.4	3.4	2.7	2.3	2.2	2.4
15–24 years	---	---	5.1	6.9	6.9	6.6	5.0	4.5	4.0	4.5
25–44 years	---	---	5.5	5.1	5.0	4.9	4.1	3.3	3.0	3.5
45–64 years	---	---	2.2	2.4	2.4	2.4	2.3	2.2	1.6	2.0
65 years and over	---	---	*	*	*	*	*	*	*	1.0
White, non-Hispanic female ⁴										
All ages, age adjusted	---	---	3.9	3.6	3.5	3.4	3.1	3.2	3.0	3.1
All ages, crude	---	---	4.1	3.7	3.6	3.5	3.2	3.3	3.1	3.2
15–24 years	---	---	4.5	4.3	4.5	4.1	3.5	3.6	3.3	3.4
25–44 years	---	---	5.6	5.1	5.1	4.8	4.5	4.8	4.5	4.6
45–64 years	---	---	5.1	4.6	4.1	4.1	4.0	3.9	3.8	3.9
65 years and over	---	---	3.4	3.2	2.7	2.9	2.7	2.7	2.5	2.6

* Based on fewer than 20 deaths.

--- Data not available.

¹Average annual death rate.

²Interpretation of trends should take into account that population estimates for American Indians increased by 45 percent between 1980 and 1990, partly due to better enumeration techniques in the 1990 decennial census and to the increased tendency for people to identify themselves as American Indian in 1990.

³Interpretation of trends should take into account that the Asian population in the United States more than doubled between 1980 and 1990, primarily due to immigration.

⁴Excludes data from States lacking an Hispanic-origin item on their death certificates. See Appendix I, National Vital Statistics System.

NOTES: Rates are age adjusted to the 1940 U.S. standard million population. See Appendix II, Age adjustment. For data years shown, the code numbers for cause of death are based on the then current *International Classification of Diseases*, which are described in Appendix II, tables IV and V. Age groups chosen to show data for American Indians, Asians, Hispanics, and non-Hispanic whites were selected to minimize the presentation of unstable age-specific death rates based on small numbers of deaths and for consistency among comparison groups. The race groups, white, black, Asian or Pacific Islander, and American Indian or Alaska Native, include persons of Hispanic and non-Hispanic origin. Conversely, persons of Hispanic origin may be of any race. Bias in death rates results from inconsistent race identification between the death certificate (source of data for numerator of death rates) and data from the Census Bureau (denominator); and from undercounts of some population groups in the census. The net effects of misclassification and under coverage result in death rates estimated to be overstated by 1 percent for the white population and 5 percent for the black population; and death rates estimated to be understated by 21 percent for American Indians, 11 percent for Asians, and 2 percent for Hispanics (Rosenberg HM, Maurer JD, Sorlie PD, Johnson NJ, et al. Quality of death rates by race and Hispanic origin: A summary of current research, 1999. National Center for Health Statistics. *Vital Health Stat* 2(128). 1999). Data for additional years are available (see Appendix III).

SOURCES: Centers for Disease Control and Prevention, National Center for Health Statistics. *Vital statistics of the United States, vol II, mortality, part A*, for data years 1950–93. Public Health Service. Washington. U.S. Government Printing Office; for 1994–98, data for all persons, white, and black are available on the NCHS Web site at www.cdc.gov/nchs/datawh/statab/unpubd/mortabs.htm; numerator data from National Vital Statistics System, annual mortality files; denominator data from national population estimates for race groups from table 1 and unpublished Hispanic population estimates prepared by the Housing and Household Economic Statistics Division, U.S. Bureau of the Census.